



Evaluation #

200217-W Revised
(Replaces 200128-W)

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**INCOMPLETE ELECTRONIC
COPY, CONTACT DEPT.**

Wisconsin Building Products Evaluation

Material

Wood I-Joists RFPI™ -20, -30, -40, -50, -70, -90 Series &
RigidLam™ LVL

Manufacturer

Roseburg Forest Products
4500 Riddle By-Pass Road
Riddle, OR 97469

SCOPE OF EVALUATION

GENERAL: This report evaluates the use of wood I-Joists (RFPI™ -20, -30, -40, -50, -70, and -90 Series), and RigidLam™ Laminated Veneer Lumber (LVL), manufactured by Roseburg Forest Products.

Comm code requirements below in accordance with the current **Wisconsin Administrative Uniform Dwelling Code:**

Structural:

- **Wood I-Joists (RFPI Series)** were evaluated for use as floor joists, roof joists, blocking panels, rim joists and structural rim joists in accordance with **s. Comm 21.02(3)(a)2.** and **s. Comm 21.19.**
- **RigidLam™ Laminated Veneered Lumber (LVL)** was evaluated for use as structural framing lumber in accordance with **s. Comm 21.02(3)(a)** and **s. Comm 21.19.**

International Building Code (IBC) requirements below in accordance with the **Wisconsin Amended IBC Code:**

Structural:

- **Wood I-Joists (RFPI Series)** were evaluated for use as floor joists, roof joists, blocking panels, rim joists and structural rim joists in accordance with **ss. 2301.2, 2301.2.1, 2303.1, 2303.1.2, 2306.1, and 2306.1.1.**
- **RigidLam™ Laminated Veneered Lumber (LVL)** was evaluated for use as structural framing lumber in accordance with **ss. 2301.2, 2301.2.1, 2303.1, 2303.1.2, 2303.1.9, 2306.1, and 2306.1.1.**

DESCRIPTION AND USE OF MATERIAL

Wood I-Joists (RFPI Series): are engineered to meet the performance standards of PRI-400 Performance Standard for APA EWS I-Joist. The RFPI I-Joists have engineered wood flanges laminated veneered lumber and webs of oriented strand board (OSB) that form an I-shaped cross section. Top and bottom flanges are placed to create a constant-depth joist. Web sections are installed with the face grain (strong axis) perpendicular to the long axis of the I-Joist. The RFPI Series I-Joists are manufactured in depths of 9-1/2-, 11-7/8-, 14- and 16-inch.